

the support arms being connected electrically in parallel,

each arm in combination with [its] the respective brush body thereof having a different respective natural resonance frequency of oscillation.

12. (Amended) A brush assembly according to claim 10, wherein at least part of at least one of said first and second support arms [have] has a different dimension from the other support arm for providing said different respective resiliencies.

14. (Amended) A brush assembly according to claim 7, wherein each said brush body is mounted by an interference fit in an aperture in [its] the respective support arm thereof.

15. (Amended) A brush assembly according to claim 7, further comprising third and fourth resilient, electrically conductive support arms arranged for being axially spaced from each other with respect to a longitudinal axis of the motor when said assembly is mounted in the motor, [each arm] said third and fourth support arms carrying [a] respective [brush body which is] third and fourth brush bodies which are arranged for contacting commutator of the motor, the commutator having a plurality of circumferential segments and the [two] third and fourth brush bodies being capable of contacting a single one of said segments at substantially the same time, the third and fourth support arms being connected electrically in parallel [, each arm in combination with its respective brush body having a different respective natural resonance frequency of oscillation].

16. (Amended) A brush assembly according to claim 15, wherein said third and fourth support arms in combination with [their] the respective brush bodies thereof have different respective natural resonance frequencies of oscillation.

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19. (Amended) A brush assembly as in claim 18, further comprising an end cap, said supports being mounted on said end cap, said brushes being mounted on said end cap via said supports for contacting the commutator of the motor, said commutator having a circumference, and said brushes being mounted so as to be at substantially [the same] a common position around said circumference.

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20. (Amended) A brush assembly as in claim 19, wherein said commutator has a plurality of segments and said first and second brushes are mounted so as to be capable of contacting [the same] a common one of said segments substantially simultaneously.

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23. (Amended) A brush assembly as in claim 21, wherein said commutator has a plurality of segments and said third and fourth brushes are mounted so as to be capable of contacting [the same] a common one of said segments substantially simultaneously.

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32. (Amended) A brush assembly as in claim 17, wherein each said brush is mounted by an interference fit in an aperture in [its] the respective support thereof.

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36. (Amended) A brush assembly according to claim 7, wherein said different resonant frequencies enable the two brush bodies to provide reliable electrical contact between said first and second support arms and said commutator, by reducing [the] interface resistance between the brush bodies and the commutator, despite oscillations of said arms and brush bodies which occur in response to rotation of said commutator.

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37. (Amended) A brush assembly according to claim 16, wherein said different resonant frequencies enable the third and fourth brush bodies to provide reliable electrical contact between said third and fourth support arms and said commutator, by reducing [the] interface resistance between the brush bodies
resilient, electrically conductive

and the commutator, despite oscillations of said arms and brush bodies which occur in response to rotation of said commutator.

38. (Amended) A brush assembly according to claim 17, wherein said different resonant frequencies enable the [two] first and second brushes to provide reliable electrical contact between said first and second supports and said commutator, by reducing [the] interface resistance between the brushes and the commutator, despite oscillations of said supports and brushes which occur in response to rotation of said commutator.

97 39. (Amended) A brush assembly according to claim 22, wherein said different resonant frequencies enable the third and fourth brushes to provide reliable electrical contact between said third and fourth supports and said commutator, by reducing [the] interface resistance between the brushes and the commutator, despite oscillations of said supports and brushes which occur in response to rotation of said commutator.

40. (Amended) A brush assembly according to claim 33, wherein said different resonant frequencies enable the [two] first and second brushes to provide reliable electrical contact between said first and second supports and said commutator, by reducing [the] interface resistance between the brushes and the commutator, despite oscillations of said supports and brushes which occur in response to rotation of said commutator.

Please enter new claim 42 as follows:

98 ~~42. An electric motor brush assembly comprising at~~
least two resilient, electrically conductive support arms, arranged for being axially displaced with respect to a longitudinal axis of a motor when the brush assembly is installed in a motor, each arm of the assembly being arranged to carry a respective brush body, the support arms being connected electrically in parallel, each arm in combination with the